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...of editorial content

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Engineering News-Record index

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Part I—Subject Index

The index includes all articles that have appeared within the dates covered, with the exception of certain Briefs (such as Labor Briefs, Careers) and Obituaries.

The subject headings under which all articles are indexed appear in alphabetical order. Within the subject headings the entries are listed chronologically.

Many important headings are divided into subheadings, for example, BRIDGES—by states or countries; CITIES—by name; BUILDINGS—by type (churches, garages, etc.).

International coverage is shown under the letter "I." The items here listed geographically also appear under the appropriate subject headings.

Part II—Names

Part II of the index contains names of authors, personalities, and companies. Listed here are the names of people who are the subject of articles; names of authors of by-lined articles and published letters; and names of firms about which articles were written.

Individuals or firms simply mentioned in feature articles about various construction projects are seldom indexed by name. Those, on the other hand, who are listed under **Names** will usually not appear under the subject heading. For example, an article about the Smith Construction Co. appears only in the **Names** section and will not be found under the heading CONTRACTORS.

Part III—Product Manufacturers

Items that describe new materials and equipment, including Product Briefs, are indexed under this heading, by manufacturer's name.

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See also means that a related heading should also be checked: SEWAGE, **see also**: WATER POLLUTION.

The following abbreviations and signs are used:

RC —Reader Comment
CW —Construction Week
WO —Washington Observer
B —Brief and Around the World
e —Editorial
** —Article with several illustrations
* —Illustrated article (if asterisk precedes entry, reference is to a picture with caption only.)

ENGINEERING NEWS RECORD is published every Thursday. There are 25 or 26 issues in each half-yearly volume, covering January to June and July to December, starting with vol. 78 in 1917, when ENGINEERING NEWS and ENGINEERING RECORD joined forces under the present title.

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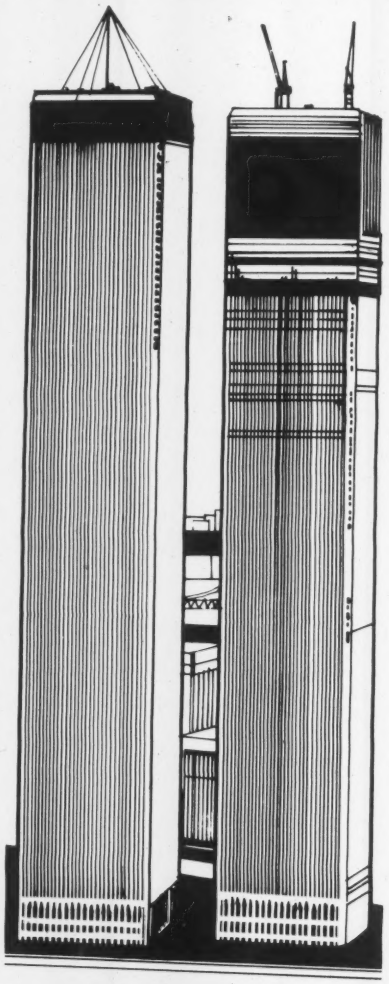

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GATES, THE, RUBBER CO.
Hose. B p91 ... May 18
GENERAL ELECTRIC CO., Cleveland, Ohio
Vapor lamps. B p95 ... Mar 23
GENERAL ELECTRIC CO., Lynchburg, Va.
Closed circuit TV. B p86 ... May 18
GENERAL ELECTRIC CO., Oak Brook, Ill.
Mobile hearing test center. B p39 ... May 11
GENERAL ELECTRIC CO., Waterford, N.Y.
Colored weatherproofing. B p91 ... Jan 20
GENERAL ENGINES CO., INC., Thorofare, N.J.
Truck mounted paver. B p92 ... May 18
GENERAL EQUIPMENT CO., Owatonna, Minn.
Power auger. B p98 ... Jan 20
GENERAL MOTORS, Hudson, Ohio
Scraper. B p95 ... Apr 6
GEORGIA-PACIFIC, Portland, Ore.
Hardwood paneling. B p34 ... Mar 9
GOLDBLATT TROWEL TRADE TOOLS, Kansas City, Kan.
Surplus concrete molds. B p34 ... Mar 9

GRACE, W.R. & CO., Cambridge, Mass.
Concrete additive cuts friction, speeds pumping.* p38 ... Feb 3
GRAY, THE, MANUFACTURING CO., New York, N.Y.
Chemical solution solidifies semifluid soils. p30 ... Jan 27
GROVE MANUFACTURING CO., Shady Grove, Pa.
Hydraulic crane. B p30 ... Jan 27
GULF & WESTERN INDUSTRIAL PRODUCTS CO., Swarthmore, Pa.
Paint aids winter concreting. p33 ... May 11

HALLEMITE, Montvale, N.J.
Epoxy flooring.* B p25 ... Jun 8
HAMILTON MANUFACTURING CO., Two Rivers, Wis.
Drafting table. B p38 ... Feb 3
Drafting table. B p34 ... Mar 9
HEATH CONSULTANTS, INC., Stoughton, Mass.
Gas leak detector. B p95 ... Apr 6
HEEDE INTERNATIONAL, INC. Greenwich, Conn.
Synchronized hydraulic jacks hoist big loads.* p29 ... Feb 24
HENKELS & MCCOY, Blue Bell, Pa.
Train-held plow helps speed feeder cable laying.* p27 ... Jan 27
HEWLETT-PACKARD CO., Palo Alto, Calif.
Meter meter.* B p32 ... Jan 6
HIGH VOLTAGE ENGINEERING CORP., Boston, Mass.
Self-help level. B p32 ... Jan 6
HILTI FASTENING SYSTEMS, Stamford, Conn.
Fastening tool. B p32 ... Jan 6
HONEYWELL, INC., Minneapolis, Minn.
Smoke detector. B p32 ... Jan 6
HUBER CORP., Marion, Ohio
Tandem roller. B p29 ... Mar 9
HUEY CO., THE, Chicago, Ill.
Space-saving drafting tables. B p97 ... Jan 20

ISC INDUSTRIES, INC., Fort Smith, Ark.
Sling connector. B p86 ... May 18
INGERSOLL-RAND CO., Phillipsburg, N.J.
Fan jumbo. B p96 ... Mar 23
Drill jumbo.* B p39 ... May 11
Paving vibrator.* B p24 ... Jun 8
Jumbo. B p25 ... Jun 8
INTERNATIONAL BUSINESS MACHINES CORP., Chicago, Ill.
Computer aids pollution work. p85 ... May 18
INTERNATIONAL BUSINESS MACHINES CORP., White Plains, N.Y.
Construction program. B p29 ... Mar 9
INTERNATIONAL DIESEL ELECTRIC CO., Middletown, N.Y.
Gasoline generator. B p29 ... Mar 9
INTERNATIONAL HARVESTER CO., Melrose Park, Ill.
Front-end loader. B p24 ... Jun 8
INTERTHERM, INC., St. Louis, Mo.
Baseboard heating. B p24 ... Jun 8

JOSLYN MANUFACTURING AND SUPPLY CO., Chicago, Ill.
Anchor bolts. B p39 ... May 11
JOY MANUFACTURING CO., Denver, Colo.
Easy service pump. B p90 ... Jan 20
JOY MANUFACTURING CO., Pittsburgh, Pa.
Air compressors. B p29 ... Feb 24
Track drill. B p25 ... Jun 8

KATOLIGHT CORP., Mankato, Minn.
Powerplant. B p90 ... Jan 20
KEENE CORP., Denver, Colo.
Service-area light fixture. B p30 ... Jan 27
KELLEY MACHINE DIVISION, Buffalo, N.Y.
Breaking tool. B p30 ... Mar 9
Power trowels. B p25 ... Jun 8
KEN/TEL EQUIPMENT CO., Ashville, N.C.
Cable feeder. B p91 ... May 18
KINNEAR CORP., Columbus, Ohio
Acoustical door. B p38 ... Feb 3
KOEHRING, Dover, N.J.
Earth boring machine. B p33 ... Jun 15
KOEHRING CO., Lorain, Ohio
Rough terrain crane. B p91 ... Jan 20
KYSOR INDUSTRIAL CORP., Jackson, Mich.
Waste compactors. B p25 ... Jun 8

LFE CORP., Hamden, Conn.
Impeller pump. B p92 ... May 18
Ring pump. B p33 ... Jun 15
LASER ALIGNMENT, INC., Grand Rapids, Mich.
Laser aligner. B p91 ... Jan 20
T-bar. B p92 ... May 18
LESLIE CO., Parsippany, N.J.
Pressure, temperature regulator. B p25 ... Jun 8
LEVITON MANUFACTURING CO., INC., Brooklyn, N.Y.
Light controls. B p92 ... Jan 20
LIPPMAN ENGINEERING WORKS, Milwaukee, Wis.
Aggregate producing equipment. B p33 ... Jun 15
LOED, THE, CORP., Wausau, Wis.
Lift truck. B p34 ... Mar 9

MANUFACTURED CONSTRUCTION PRODUCTS CORP., Odessa, Tex.
Portable concrete batch plant.* B p30 ... Jan 27
MARION POWER SHOVEL CO., INC., Marion, Ohio
Loading shovel. B p29 ... Feb 24
MARSH-MCBIRNEY, INC., Kensington, Md.
Water level gage. B p92 ... Jan 20
Water current meter. B p97 ... Jan 20
MARTIN-DECKER CO.,Santa Ana, Calif.
Crane load indicator.* B p34 ... Mar 9
MARTIN ENGINEERING CO., Neponset, Ill.
Aerator agitator.* B p86 ... May 18
MET PRO CORP., Lansdale, Pa.
Pressure filters. B p92 ... Jan 20
METRITAPE, INC., West Concord, Mass.
Sensor. B p30 ... Jan 27
METROLOGIC INSTRUMENTS INC., Bellmawr, N.J.
Laser tubes. B p86 ... May 18
MIDLAND PUMP CO., Hamden, Conn.
Impeller pump. B p92 ... May 18
MIDLAND-ROSS CORP., New Brunswick, N.J.
Incinerator.* B p95 ... Mar 23
MILLER-FORMLESS CO., INC., Mohenry, Ill.
Curb machine attachment. B p90 ... Jan 20
MIXING EQUIPMENT CO., Rochester, N.Y.
Liquid waste aerators. B p30 ... Jan 27
MORGEN MANUFACTURING CO., Yankton, S.D.
Concrete conveyor. B p92 ... Jan 20
MOTOROLA COMMUNICATIONS AND ELECTRONICS, INC., Schaumburg, Ill.
Remote control radio. B p30 ... Jan 27
MYERS, F.E. & BRO. CO., Ashland, Ohio
Submersible pump. B p91 ... May 18

NATIONAL CAR RENTAL SYSTEM, INC., Minneapolis, Minn.
Settling pond skimmer.* B p96 ... Mar 23
NELSON STUD WELDING CO., Lorain, Ohio
Stud welder. B p38 ... Feb 3
NEWARK WIRE CLOTH CO., Newark, N.J.
Wire screen. B p96 ... Mar 23
NORTHWEST ENGINEERING CO., Chicago, Ill.
Backhoe. B p97 ... Jan 20

OHIO BRASS CO., THE, Mansfield, Ohio
Gate valves.* B p92 ... May 18
ONAN CORP., Minneapolis, Minn.
Generating set. B p99 ... Apr 6
Electric generator. B p92 ... May 18
OWEN BUCKET CO., THE, Cleveland, Ohio
Bucket attachment. B p25 ... Jun 8

PACIFIC PUMPING CO., Oakland, Calif.
Hydraulic controller. B p30 ... Jan 27
Pumps. B p30 ... Mar 9
Sump pumps. B p34 ... Mar 9
PARR, INC., Cleveland, Ohio
Plastic coating. B p96 ... Mar 23
PENTRON INDUSTRIES, INC., Vanderbilt, Pa.
Distance measuring instrument. B p30 ... Jan 27
PERDISAN LTD., Watford, Herts, England
Toilets. B p25 ... Jun 8
PIONEER ELECTRIC AND RESEARCH CORP., Forest Park, Ill.
Strobe unit. B p25 ... Jun 8
PIONEER INDUSTRIES, Carlstadt, N.J.
Honeycomb door. B p95 ... Mar 23
PITTSBURG CORNING CORP., Pittsburgh, Pa.
Hot and cold-pipe insulation. B p38 ... Feb 3
PLAN HOLD, Carson, Calif.
Drawing table tray. B p91 ... Jan 20
PORTA POWER PAK, INC., Gardena, Calif.
Portable power. B p92 ... Jan 20
POWER CURBERS, INC., Salisbury, N.C.
Median and sidewalk slipformer.* B p29 ... Feb 24
Curb Paver. B p25 ... Jun 8

RCA GOVERNMENT AND COMMERCIAL SYSTEMS, Moorestown, N.J.
Two-way radio. B p28 ... Feb 3
RAGEN PRECISION INDUSTRIES, INC., Arlington, N.J.
Calculator,*. B p90 ... Jan 20
RAMSET FASTENING SYSTEMS, New York, N.Y.
Fastening tool. B p92 ... May 18
RAYGO, INC., Minneapolis, Minn.
Vibratory roller. B p95 ... Apr 6
REICO INDUSTRIES, Wheeling, W. Va.
Blast hole drill. B p30 ... Mar 9
RESEARCH APPLIANCE CO., Allison Park, Pa.
Stack emission monitor. B p99 ... Apr 6
RESEARCH-COTTRELL, INC., Bound Brook, N.J.
Scrubber. B p90 ... Jan 20
REX CHAINBELT, INC., Milwaukee, Wis.
Mixer washout system. B p97 ... Jan 20
Compact slipformer. B p25 ... Jun 8
RIPCO, INC., Oxford, Pa.
AN/FO trucks. B p90 ... Jan 20
RITE-HITE CORP., Cudahy, Wis.
Dock leveler. B p96 ... Mar 23
ROBERTSON, H.H. CO., New York, N.Y.
Window cleaning system. B p24 ... Jun 8
ROSS CO., Brownwood, Texas
Concrete mixer. B p30 ... Jan 27
ROSS ENGINEERING, New Brunswick, N.J.
Incinerator,*. B p95 ... Mar 23

SCHRAMM, INC., West Chester, Pa.
Silent compressors. B p92 ... Jan 20
Drill. B p92 ... Jan 20
SETHCO, Freeport, N.Y.
Ball valves. B p98 ... Jan 20
SHAD-ROD, INC., Sandusky, Ohio
Pollution control valves,*. B p30 ... Mar 9
SHELDON, M.L., PLASTICS CORP., New York, N.Y.
Polyethylene manholes. B p29 ... Feb 24
Biggest plastic pipe goes to Lone Star state,* p24 ... Jun 8
SINGER CO., San Leandro, Calif.
Small calculator. B p98 ... Jan 20
SKIL CORP., Chicago, Ill.
Carbide bit. B p95 ... Apr 6
SLURRY SEAL, INC., Waco, Tex.
Patching machine. B p98 ... Jan 20
SOILTEST, INC., Evanston, Ill.
Slope meter. B p38 ... Feb 3
Temperature probe. B p39 ... May 11
SPENCER, WHITE & PRENTIS, INC., New York, N.Y.
Colloidal grout mixers. B p33 ... Jun 15
STAFF INDUSTRIES, INC., Upper Montclair, N.J.
Seepage prevention. B p24 ... Jun 8
STANLEY HARDWARE, New Britain, Conn.
Electric hinge. B p92 ... May 18
STOW MANUFACTURING CO., Binghamton, N.Y.
Tamper. B p29 ... Mar 9
STOWELL INDUSTRIES, INC., Milwaukee, Wis.
Portable crushing plant. B p33 ... Jun 15
SYMONS CORP., Des Plaines, Ill.
Scaffolding bracket. B p86 ... May 18

3M CO., St. Paul, Minn.
Seamless flooring. B p38 ... Feb 3
TECHSONICS, Taos, N.M.
Power converter. B p98 ... Jan 20
TEKMAR CORP., Stamford, Conn.
Waterless toilet. B p95 ... Mar 23
TEMPLETON, KENLY & CO., Broadview, Ill.
Hydraulic power unit. B p90 ... Jan 20
THOR POWER TOOL CO., Aurora, Ill.
Softer voice for jackhammers,*. p85 ... May 18
TRANE CO., THE, La Crosse, Wis.
Electric heaters. B p91 ... Jan 20
TUBE-LOK PRODUCTS, Portland, Ore.
Roll-over protection. B p99 ... Apr 6

UNDERSEA SYSTEMS, INC., Alexandria, Va.
Underwater trencher. B p91 ... Jan 20
UNION CARBIDE CORP., New York, N.Y.
Valve and pump packing. B p91 ... May 18
UNIROYAL, INC., Passaic, N.J.
Suction hose. B p99 ... Apr 6
UNIT CRANE & SHOVEL CORP., Milwaukee, Wis.
Excavator. B p29 ... Mar 9
UNITED INTERLOCK GRATING, Columbus, Ohio
Grating. B p99 ... Apr 6
UNITED MCGILL CORP., Columbus, Ohio
Grating. B p99 ... Apr 6
UNITED MCGILL CORP., Waterville, Ohio
Access section. B p97 ... Jan 20
UNITED STATES STEEL CORP., Pittsburgh, Pa.
Steel thermal studs. B p38 ... Feb 3
Culvert sheet. B p25 ... Jun 8
UPJOHN, THE, CO., Torrance, Calif.
Asphalt tank insulation. B p95 ... Apr 6
UTILITY PRODUCTS, INC., San Antonio, Tex.
Manhole step. B p91 ... May 18

VARIAN DATA MACHINES, Irvine, Calif.
Electrostatic printing device. B p25 ... Jun 8

WALLACE SUPPLIES MANUFACTURING CO., Chicago, Ill.
Bending rolls. B p29 ... Mar 9
WALSH MANUFACTURING CO., Charles City, Iowa
Washer. B p30 ... Mar 9
WANG LABORATORIES, INC., Tewksbury, Mass.
Programmable calculator,*. B p38 ... Feb 3
WATSON-BOWMAN ASSOCIATES, INC., Buffalo, N.Y.
Expansion joints,*. B p30 ... Jan 27
WATTS REGULATOR CO., Lawrence, Mass.
Backflow preventer. B p25 ... Jun 8
WEATHER-RITE, INC., St. Paul, Minn.
Construction heater,*. B p97 ... Jan 20
WEINMAN PUMP CO., Hamden, Conn.
Ring pump. B p33 ... Jun 15
WESTON AND STACK, INC., Malvern, Pa.
DO analyzer. B p29 ... Mar 9
WEYERHAEUSER CO., Tacoma, Wash.
Fire-rated door. B p30 ... Jan 27
WHITE CONSTRUCTION EQUIPMENT., Northfield, Ill.
Forklift. B p38 ... Feb 3
WILLIAMS DEVELOPMENT CORP., Minneapolis, Minn.
Standby plant. B p38 ... Feb 3
WOODFORD MANUFACTURING CO., Des Moines, Iowa
Wall faucet. B p24 ... Jun 8
WORTHINGTON COMPRESSOR AND ENGINE INTERNATIONAL, Holyoke, Mass.
Air Compressor. B p96 ... Mar 23

XEROX CORP., Rochester, N.Y.
Copying machine. B p98 ... Jan 20

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